Landscape Architecture - LAND

Courses

LAND 5110 BASIC LANDSCAPE ARCHITECTURAL DESIGN (6) STU. 12. Landscape architectural design studio emphasizing research, planning and design problems at neighborhood to community scales.

LAND 5130 STUDIO I: FOUNDATION STUDIO (5) STU. 5. Teaches foundational skills (drawing, modeling, and multiple representational skills) that are necessary to progress into future design studios.

LAND 5131 STUDIO I: FIELD STUDIES (1) FLD. 1. Departmental approval. Field studies and travel related to studio.

LAND 5140 HISTORY I: LANDSCAPE MODERNISM (3) LEC. 3. Investigates issues in the modern history of landscape architecture, from early twentieth century to the present day.

LAND 5150 CONSTRUCTION I (2) LEC. 2. Departmental approval. Fundamental skills needed to analyze, understand, and manipulate landform with respect to form, grading and drainage.

LAND 5160 GRAPHIC STUDIES I (2) LEC. 2. Departmental approval. Develops the use of different drawing and presentation techniques to clearly communicate design ideas, specifically by means of sketching, watercolors, colored pencils and drafting techniques.

LAND 5170 GRAPHIC STUDIES II (3) LEC. 3. Departmental approval. Graphic and communication theories and skills in a variety of media. Photoshop, Illustrator, Indesign and AutoCAD.

LAND 5210 URBAN HOUSING STUDIO (6) STU. 12. Spatial/formal qualities of multi-unit housing utilizing the wealth of housing typologies erected in North America.

LAND 5230 STUDIO II (5) STU. 5. Iterative design processes that project and test design scenarios, refining propositions based on multiple performance criteria in relation to site specificity and community context. Departmental approval. May count either LAND 5230 or 6230.

LAND 5231 FIELD STUDIES II (1) FLD. 1. Field studies and travel related to studio. Departmental approval. May count either LAND 5231 or 6231

LAND 5240 HISTORY II: LANDSCAPE TIMELINES (3) LEC. 3. Pr. LAND 5140. Major transformation in the broad history of landscape architecture from antiquity to the end of the nineteenth century, with particular attention to canonical gardens and landscapes. Departmental approval. May count either LAND 5240 or 6240.

LAND 5250 CONSTRUCTION II (2) LEC. 2. Fundamentals of design detailing of site assemblies, with emphasis on material research and construction methods. Departmental approval. May count either LAND 5250 or 6250.

LAND 5260 GRAPHIC STUDIES III (3) SEM. 3. Pr. LAND 5150. Departmental approval. Fundamental concepts of Geographic Information Systems are used to create visual frameworks for gathering, interpreting, and sharing spatial data in landscape architecture practice.

LAND 5270 PLANT SPATIALITY (2) LEC. 2. Studies of innovative design with plants, exploring issues plant association, strata, and spatiality. Departmental approval. May count either LAND 5270 or 6270.

LAND 5280 LANDSCAPE ELEMENTS: EARTH, FIRE AND WATER (3) LEC. 3. Introduces students to the basic elements used in the design of the built landscape.

LAND 5310 INDEPENDENT STUDY THESIS (6) STU. 12. Departmental approval. Extensive exploration and development of a landscape architecture issue of the students choice beyond the level associated with entry to the profession. Level-III standing;

LAND 5330 STUDIO III (5) LEC. 5. Pr. (LAND 5230 or LAND 6230) or (P/C LAND 5331 or P/C LAND 6331). Departmental approval. Investigates eco-cultural relationships between regional, metropolitan and urban scales with emphasis on physical and social flows.

LAND 5331 FIELD STUDIES III (1) FLD. 1. SU. Pr. (LAND 6230 or LAND 5230) or (P/C LAND 5330 or P/C LAND 6330). Departmental approval. Field studies and travel related to studio.
LAND 5340 URBAN STUDIES I: AMERICAN URBAN LANDSCAPES (3) SEM. 3. Pr. LAND 5230. Departmental approval. This course explores the evolution of the American landscape, its current conditions, and prospects. Students learn to read the landscape, reflect on its transformation and become responsible critics.

LAND 5350 CONSTRUCTION III: HYDROLOGIES (2) LEC. 1. LAB. 2. Pr. LAND 5230. Departmental approval. This course emphasizes stormwater research, planning and design. Students learn technical skills and design techniques needed to construct projects with environmental integrity and aesthetic appeal.

LAND 5360 DYNAMIC SYSTEMS I: URBAN ECOLOGIES (3) LEC. 3. Pr. LAND 5230. Departmental approval. This course provides an overview of natural ecological systems and how they can be preserved or restored to enhance human and ecological health through sustainable design.

LAND 5370 PLANT EPHEMERALITY (2) LEC. 2. Pr. LAND 5230. Departmental approval. Studies of innovative design with plants, exploring issues of plant phenology and dynamic lifecycle conditions.

LAND 5430 URBAN THEORY (3) LEC. 3. An introduction to contemporary theories of urban design, geography, and cultural theory using case study methods.

LAND 5500 LAND ETHICS AND ENVIRONMENTAL RESPONSIBILITY (3) LEC. 3. Explores the ethical relationship of man and nature.

LAND 5510 ENVIRONMENTAL PLANNING STUDIO (6) STU. 12. Natural systems analysis as a basis for site planning and large scale facilities design. Level-II standing.

LAND 5520 LANDSCAPE ARCHITECTURE DESIGN STUDIO (6) STU. 12. Pr. LAND 5110. A continuation of the basic design studio emphasizing research, planning, and design problems at community to regional scales.

LAND 5540 HISTORY OF LANDSCAPE ARCHITECTURE II (3) LEC. 3. Explores the built landscape from the 17th Century to the present including designs in America, Europe and Asia.

LAND 5590 INDEPENDENT STUDY THESIS (6) STU. 12. A major integrative investigation of a focused problem area, defined and pursued by the student under the direction of a faculty member.

LAND 6130 STUDIO I: FOUNDATION STUDIO (5) AAB/STU. 5. Teaches foundational skills (drawing, modeling, and multiple representational skills) that are necessary to progress into future design studios.

LAND 6131 STUDIO I: FIELD STUDIES (1) AAB/FLD. 1. Departmental approval. Field studies and travel related to studio.

LAND 6140 HISTORY I: LANDSCAPE MODERNISM (3) LEC. 3. Investigates issues in the modern history of landscape architecture, from early twentieth century to the present day.

LAND 6150 CONSTRUCTION I (2) LEC. 2. Departmental approval. Fundamental skills needed to analyze, understand, and manipulate landform with respect to form, grading and drainage.

LAND 6160 GRAPHIC STUDIES I (2) LEC. 2. Departmental approval. Develops the use of different drawing and presentation techniques to clearly communication design ideas, specifically by means of sketching, watercolors, colored pencils and drafting techniques.

LAND 6170 GRAPHIC STUDIES II (3) LEC. 3. Departmental approval. Graphic and communication theories and skills in a variety of media. Photoshop, Illustrator, Indesign and AutoCAD.

LAND 6230 STUDIO II (5) STU. 5. Iterative design processes that project and test design scenarios, refining propositions based on multiple performance criteria in relation to site specificity and community context. Departmental approval. May either LAND 5230 or 6230.

LAND 6231 FIELD STUDIES II (1) FLD. 1. Field studies and travel related to studio. Departmental approval. May count either LAND 5231 or 6231.

LAND 6240 HISTORY II: LANDSCAPE TIMELINES (3) LEC. 3. Pr. LAND 6140. Major transformation in the broad history of landscape architecture from antiquity to the end of the nineteenth century, with particular attention to canonical gardens and landscapes. Departmental approval. May count either LAND 5240 or 6240.
LAND 6250 CONSTRUCTION II (2) LEC. 2. Fundamentals of design detailing of site assemblies, with emphasis on material research and construction methods. Departmental approval. May count either LAND 5250 or 6250.

LAND 6260 GRAPHIC STUDIES III (3) SEM. 3. Departmental approval. Fundamental concepts of Geographic Information Systems are used to create visual frameworks for gathering, interpreting, and sharing spatial data in landscape architecture practice.

LAND 6270 PLANT SPATIALITY (2) LEC. 2. Studies of innovative design with plants, exploring issues plant association, strata, and spatiality. Departmental approval. May count either LAND 5270 or 6270.

LAND 6330 STUDIO III (5) LEC. 5. Pr. LAND 5230 or LAND 6230. Departmental approval. Coreq. LAND 6331 and LAND 5331. Investigates eco-cultural relationships between regional, metropolitan and urban scales with emphasis on physical and social flows.

LAND 6331 FIELD STUDIES III (1) FLD. 1. Pr. LAND 5230 or LAND 6230. Departmental approval. Coreq. LAND 6330 and LAND 5330. Field studies and travel related to studio.

LAND 6340 URBAN STUDIES I: AMERICAN URBAN LANDSCAPES (3) SEM. 3. Pr. LAND 5230 or LAND 6230. Departmental approval. This course explores the evolution of the American landscape, its current conditions, and prospects. Students learn to read the landscape, reflect on its transformation and become responsible critics.

LAND 6350 CONSTRUCTION III: HYDROLOGIES (2) LEC. 1. LAB. 2. Pr. LAND 5230 or LAND 6230. Departmental approval. This course emphasizes stormwater research, planning and design. Students learn technical skills and design techniques needed to construct projects with environmental integrity and aesthetic appeal.

LAND 6360 DYNAMIC SYSTEMS I: URBAN ECOCOLOGIES (3) LEC. 3. Pr. LAND 5230 or LAND 6230. Departmental approval. This course provides an overview of natural ecological systems and how they can be preserved or restored to enhance human and ecological health through sustainable design.

LAND 6370 PLANT EPHEMERALITY (2) LEC. 2. Pr. LAND 5230 or LAND 6230. Departmental approval. Studies of innovative design with plants, exploring issues of plant phenology and dynamic lifecycle conditions.

LAND 6430 URBAN THEORY (3) LEC. 3. An introduction to contemporary theories of urban design, geography, and cultural theory using case study methods.

LAND 7130 STUDIO IV (5) AAB/STU. 5. Departmental approval. Investigates design strategies and techniques for generating new resilient cultural and environmental practices within complex dynamic conditions.


LAND 7140 URBAN STUDIES II: GLOBAL URBANISM (3) LEC. 3. Departmental approval. Examines the major global drivers of urban change, contemporary theories of international urban design, geography and cultural theory.

LAND 7170 PLANT FUNCTIONALITY (2) LEC. 2. Departmental approval. Studies of innovative design with plants, exploring the performance of plants and introducing the standards of the nursery industry.

LAND 7180 DYNAMIC SYSTEMS II: REGENERATIVE TECHNOLOGIES (2) LEC. 2. Departmental approval. Introduces issues of land contamination and explores remediative and regenerative technologies as design strategies towards new productive futures.

LAND 7231 STUDIO V: THESIS (6) STU. 6. Pr. LAND 5230. Departmental approval. The first part of a two-semester research studio which involves creating a new body of work within a theoretical context and then critically appraising this work and its theoretical framework.

LAND 7232 STUDIO V: TERMINAL (6) STU. 6. Pr. LAND 5230. Departmental approval. This is a directed studio that will ask students to look at a large site within a city and design an individual intervention that reflects the goals and objectives of that studio.

LAND 7240 THEORIES AND PRACTICES (3) SEM. 3. Departmental approval. This is a reading, writing, and discussion seminar that examines the idea that the development of a democratic, civic, diverse social ecology can create more resilient and sustainable communities.

LAND 7250 CONTEMPORARY ISSUES IN LANDSCAPE ARCHITECTURE (2) LEC. 2. Pr. LAND 5230. Departmental approval. Investigation of landscape architectural issues and topics that can be undertaken by means of design, and the development of methodologies and techniques appropriate to such investigation.
LAND 7280 DYNAMIC SYSTEMS III: REGIONAL ECOLOGIES (3) LEC. 3. Departmental approval. This lecture/field laboratory course examines and critiques current landscape problems/crises of multiple scales and scrutinizes the public and private response to these problems.

LAND 7331 STUDIO VI: THESIS (6) STU. 12. Pr. LAND 5230 or LAND 6230. Departmental approval. A continuance of the self-directed design research project that students began in Studio V Thesis, culminating in a public review and exhibition.

LAND 7332 STUDIO VI: TERMINAL (6) STU. 6. Pr. LAND 5230 or LAND 6230. Departmental approval. A directed studio that will ask students to look at a large site within a city and design an individual intervention that reflects the goals and objectives of that studio.

LAND 7340 PROFESSIONAL PRACTICE (3) LEC. 3. Pr. LAND 5230 or LAND 6230. Departmental approval. This course surveys the development and ethics of the profession of landscape architecture and presents an overview of the business and practice of the profession.

LAND 7350 LANDSCAPE COMPUTER MODELING (2) LEC. 2. Departmental approval. Three dimensional and dynamic systems modeling.

LAND 7410 SEMINAR ON HISTORY AND THEORY (3) LEC. 3. Departmental approval. Opportunity for students to further develop expertise through supervised, independent course study or pursue an area of interest that may not be covered in the current curriculum.

LAND 7420 SEMINAR ON COMMUNITY OUTREACH (3) SEM. 3. Pr. LAND 5230. Departmental approval. Opportunity for students to further develop expertise through supervised, independent course study or pursue an area of interest that may not be covered in the current curriculum.

LAND 7430 SEMINAR ON HYDROLOGY (2) SEM. 2. Pr. LAND 5230. Departmental approval. Opportunity for students to further develop expertise through supervised, independent course study or pursue an area of interest that may not be covered in the current curriculum.

LAND 7440 SEMINAR ON LANDSCAPE COMMUNICATION (3) SEM. 3. Pr. LAND 5230. Departmental approval. Opportunity for students to further develop expertise through supervised, independent course study or pursue an area of interest that may not be covered in the current curriculum.

LAND 7450 SEMINAR ON LANDSCAPE RESEARCH (2) SEM. 2. Pr. LAND 5230. Departmental approval. Opportunity for students to further develop expertise through supervised, independent course study or pursue an area of interest that may not be covered in the current curriculum.

LAND 7530 DESIGN BUILD FELLOWSHIP (3-6) LEC/PRA. Pr. LAND 5230. Departmental approval. The design investigation and construction/installation of a landscape proposal. Course may be repeated for a maximum of 6 credit hours.

LAND 7900 DIRECTED STUDIES (1-3) AAB. An individual student can pursue an area of research beyond the required curriculum. Departmental approval; MLA II standing. Course may be repeated for a maximum of 9 credit hours.

LAND 7960 SPECIAL PROBLEMS IN LANDSCAPE ARCHITECTURE (2) LEC. 2. Departmental approval. Investigation of landscape architectural issues and topics that can be undertaken by means of design, and the development of methodologies and techniques appropriate to such investigation.

LAND 7970 SPECIAL TOPICS (1-6) AAB. Groups of student work with a specific faculty on a special topic in an area of interest. Course may be repeated for a maximum of 9 credit hours. ADDITIONAL PREREQUISITES: Departmental approval; MLA I standing.

LAND 7990 DESIGN THESIS I (6) LEC. 6.

LAND 7991 DESIGN THESIS II (8) LEC. 8.

LAND 7992 RESEARCH SUMMARY (1) LEC. 1.